Access to the Hetch Hetchy Valley in Exhibit 8 – SFPUC Brochure

WHAT IS A

reservoirs, bays, and the ocean streams, and rivers, and eventually and snowmelt by gravity to creeks common outflow points such as watershed is a land area that

the water that is collected for drinking live downstream. The health of the the people, animals and plants that at happens upstream affects the ything that lives or lies within them

VILDERNESS & WATERSHED ROTECTING THE

ethics, foster Wild and Scenic River values, and to improve resource stewardship, uphold wilderness watershed. The San Francisco Public Utilities protect water quality Commission collaborates with Yosemite National Park om the 459 sq. mile Upper Tuolumne River ery day, millions of San Francisco Bay Area idents and businesses rely on high-quality water

ecosystem downstream of O'Shaughnessy Dain as the Upper Tuolumne River Ecosystem Project to maintain trails, protect meadows, and improve provide for improved management of the river acilities in the watershed. Collaborative efforts such Inrough cooperative agreements, we work together

95% OF YOSEMITE NATIONAL PARK IS DESIGNATED FEDERAL WILDERNESS

83 MILES OF THE UPPER TUOLUMNE AND SCENIC RIVER RIVER IS DESIGNATED A FEDERAL WILD

Additional Yosenite National Park regulations apply

visit: go.nps.gov/comp

RESERVOIRS REGIONAL SYSTEM

ETCH HETCHY RESERVOIR

Use: Drinking water, power generation acity: 117 billion gallons

Source: The 459 sq. mile Upper Tuolumne River watershed

LAKE ELEANOR RESERVOIR

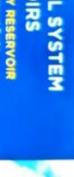
city: 9 billion gallons

HERRY LAKE RESERVOIR

(within Stanislaus National Forest) icity: 88 billion gallons

of the Hetch Hetchy Regional Water System. resources entrusted to our care, please Area, and the management of the natural including those in the San Francisco Bay For more information on the watersheds





Regional Water System

Hetch Hetchy





Restore Hetch Hetchy September 26, 2023

REGIONAL WATER SYSTEM THE HETCH HETCHY

Southern Alameda, Northern Santa Clara, San Mateo water to 2.7 million residents and businesses across daily basis, this system provides high quality drinking role in water delivery in the state of California. On a and San Francisco counties The Hetch Hetchy Regional Water System plays a key

of clean hydroelectric power annually for the City and Turlock Irrigation Districts and County of San Francisco and the Modesto The system generates 1.6 billion kilowatt hours

20TH CENTURY ENGINEERING MARVEL

the development of the San Francisco Bay Area.

From its earliest days, water has been key to the Hetch Hetchy Valley the development of the San Francisco Bay Area.

SEPUC Brochure the development of the San Francisco Bay Area.

Exhibit 8 Francisco access to the City and County of San Francisco access to land within Yosemite National Forest needed to system. Francisco access to land within Yosemite National

ambitious public utility projects undertaken in the early 20th century. It was built entirely with Bay funded by water system customers Area water customer funds and continues to be The Hetch Hetchy Project was one of the most

delivered water to the Bay Area in October 1934 powerhouses, dams and reservoirs - first complex system of pipelines, tunnels, to the dam site. The Hetch Hetchy Project - a built to transport workers, machinery, and supplies the project was the 68-mile Hetch Hetchy Railroad. Michael Maurice O'Shaughnessy. The backbone of The project began in 1914, under City Engineer

> POWER DELIVERY SYSTEM CLEAN, EFFICIENT WATER AND DAM, IS THE KEYSTONE OF THIS HELD BEHIND O'SHAUGHNESSY HETCH HETCHY RESERVOIR

PROTECTED

snowcapped granite peaks of the and precipitation originating on the protected Yosemite Wilderness. The water collected here is snowmelt

NO FILTRATION

safe drinking water. No filtration of this exceeds federal and state standards for granite basin consistently meets and water is necessary. Water stored in Hetch Hetchy Reservoir's

RELIABLE DELIVERY

during dry periods. and across multiple years, especially for reliable delivery throughout the year This reservoir captures and stores water

GRAVITY DRIVEN

to sustainably transport water from Hetch Hetchy down to the Bay Area. The Regional Water System uses gravity

B

ELECTRICITY RENEWABLE, DEPENDABLE

dependable hydropower. Eleanor Reservoirs generates renewable, Water stored in Hetch Hetchy, Cherry, and

Water being released from O'Shaughnessy Dam downstream to

WATER SYSTEM PROVIDES THE HETCH HETCHY REGIONAL deodle on a daily bash WATER FOR 2.7 MILLION



HETCH HETCHY AND THE UPPER TUOLUMNE RIVER WATERSHED



O'SHAUGHNESSY DAM

a maximum depth of 306 feet streambed, extending 910 feet to each canyon hold approximately 117 billion gallons of water at wall. The 8-mile-long Hetch Hetchy Reservoir can O'Shaughnessy Dam stands 312 feet above the

TUOLUMNE WILD AND SCENIC RIVER

ecosystem of the Tuolumne River is maintained by water released from the dam Downstream of O'Shaughnessy Dam, the diverse

WATERFALLS

Both waterfalls drop almost 1,000 feet from waterfalls that empty into Hetch Hetchy Reservoir cliffs and are best viewed in early spring. Out of Hetchy Reservoir. which has a series of waterfalls just above Hetch view, but accessible by trail, is Rancheria Creek Tueeulala and Wapama Falls are just two of the

for peregrine falcons. on the south side and is an active breeding area on the north side of the reservoir. Kolana Rock is North Dome and Hetch Hetchy Dome are located DOMES AND CLIFFS

pine, dogwood, and incense cedar. California black oak, big leaf maple, ponderosa

WILDLIFE

rainbow trout Black bear, mule deer, mountain lion, golden kingsnake, Sierra newt, rattlesnake, and marmot, coyote, bobcat. California mountain

monkey flower, clarkia, and Sierra lessingia. shooting star, waterfall buttercup, bright California fuchsia, brodiaea, dwarf alpine California poppy, lupine, wallflower, heuchera WILDFLOWERS

horned owl. robin, American dipper, and egret. red-tailed hawk, common merganser, osprey, great peregrine falcon, bald eagle, golden eagle Steller's Jay, woodpecker, hummingbird, titmouse,

begins near the entrance station.

A rocky outcropping overlooking Hetch Hetchy, Trail

HIKING

and waterfalls. oak, and exercise extreme caution near flowing water wear sunscreen, watch for rattlesnakes and poison everyone. Please be mindful of weather conditions, including heat, and carry plenty of water. Please also season, and the varied trails include something for The Hetch Hetchy area provides for a long hiking

DAY HIKES

continues above the northern shoreline of the reservoir. WAPAMA FALLS (moderate, 5-mile round trip) Includes spectacular views of Tueeulala and Wapama Falls. LOOKOUT POINT (moderate, 2-mile round trip) Trail begins through the tunnel across the dam, and

station. Descend 1.229 feet to the Tuolumne River. Reached via signed trailhead four miles past the entrance POOPENAUT VALLEY (strenuous, 2.5-mile round trip)

LONGER HIKES: BACKPACKING

and the vast northwest wilderness of Yosemite from this area SMITH PEAK (strenuous, 13 to 16-mile round trip) continuing past Wapama Falls for beautiful views of the Reached as a long day hike or a backpacking trip by RANCHERIA FALLS (strenuous, 13-mile round trip valley and waterfalls. Access Tiltill or Rancheria mountains The highest point in the area, offering outstanding views.

round trip, 3,300 feet of elevation gair Route #2 begins at the entrance station, 16 miles Route #1 begins six miles beyond the entrance station, Trailhead options: 13 miles, 3,700 feet elevation gain.

spectacular views of Hetch Hetchy, High Sierra lakes, and (Strenuous, 29-mile round trip) A multi-day hike offering THE LAUREL/VERNON/RANCHERIA LOOP

LEAVE NO TRACE

DO YOUR PART TO PROTECT WATER QUALITY. WILDERNESS, WILDLIFE, AND

small and camp 100 feet (40 paces) away from water minimize your impact. Walk single file, keep groups Use established trails, campsites, rock, and gravel to WALK AND CAMP ON DURABLE SURFACES

PACK OUT WHAT YOU PACK IN

distance from animals, even if they PROTECT WILDLIFE: Keep your

food, trash, and litter from campsites, rest areas Pack out toilet paper, hygiene products, leftover

and scatter strained dishwater onto soil biodegradable soap to wash yourself or dishes Hetch Hetchy Reservoir. Use small amounts of from water sources that are less than 1 mile from WASH 300 FEET (120 PACES) AWAY

or bury human waste: dig holes at least 6 inches **USE RESTROOM FACILITIES** (120 paces) from the high-water mark of streams from trails and campsites, and at least 300 feet (15 centimeters) deep, at least 100 feet (40 paces)

and lakes

Refer to Yosemite National Park or Stanislaus DON'T START A FOREST FIRE National Forest for fire use regulations.

LEAVE WHAT YOU FIND

Dam is prohibited

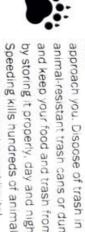
Fishing from the top of O'Shaughnessy

Take only memories and photographs.

OUR PARKS PROTECT



Dogs are only allowed in the parking area are threatened by domestic animals in and must be leashed at all times. their territory and may endanger your pets PETS: Dogs and other pets are prohibited on all trails and on the dam. Wild animals



by storing it properly, day and night. and keep your food and trash from wildlife Speeding kills hundreds of animals each animal-resistant trash cans or dumpsters. year; obey posted speed limits

and in any watercourse within 1 mile of prohibited in Hetch Hetchy Reservoir Swimming, bathing, and boating are the reservoir to maintain a clean source PROTECT WATER QUALITY:

of drinking water

fishing regulations apply, visit: www.wildlife.ca.gov/Regulations. Fishing License is required, and state in Yosemite National Park, including FISHING: Fishing is allowed year-round Hetch Hetchy Reservoir. A valid California